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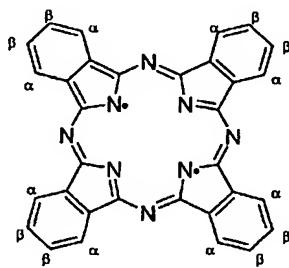
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(54) Title: CYAN INKS AND THEIR USE IN INK-JET PRINTERS



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(57) Abstract: A composition comprising: (a) a major dye component which is a mixture of copper phthalocyanine dyes of Formula (1): CuPc β -(SO₃M)_x β -(SO₂NH₂)_y Formula (1) wherein: Pc represents a phthalocyanine nucleus of Formula (2); M is a cation; x and y each independently have an average value of from 0.5 to 3.5; (x+y) = 4; and the sulfo and sulfonamide substituents are attached to a β -position on the phthalocyanine ring; and (b) a liquid medium which comprises water and an organic solvent or an organic solvent free from water. Also ink-jet printing processes, printed images, ink-jet printers and ink-jet cartridges.